PIP-4

4 Composite Video Picture−in−Picture Inserter

The PIP−4 is a high−performance picture−in−picture inserter for composite video signals. The PIP output can display up to four images simultaneously, each of which can be sized and positioned individually.

FEATURES

- Picture-In-Picture Options - All inputs can be displayed simultaneously with variable window sizing and positioning and freeze frame capability. Quad button displays 4 equal−sized images.
- Multi-Format Operation - s−Video and composite video outputs.
- Multi-Standard Operation - PAL & NTSC compatible inputs & outputs (no format conversion).
- USB Mouse Connector - For convenient navigation and control, including the OSD.
- Built-In ProcAmp - Brightness, contrast, and saturation for each input.
- Flexible Control Options - Front panel, IR remote, mouse (with OSD), RS−232 & Ethernet.
- Desktop Size - Compact size. Two units can be rack mounted side−by−side in a 1U rack space with the optional RK−1 adapter.

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TECHNICAL SPECIFICATIONS

INPUTS:	4 composite video, 1Vpp/75Ω on BNC connectors.
OUTPUTS:	1 s−Video, 1Vpp, 0.3Vpp/75Ω on a 4−pin connector; 1 composite video, 1Vpp/75Ω on a BNC connector.
DIGITAL RESOLUTION:	10 bit.
VIDEO BANDWIDTH:	5.4MHz.
K-FACTOR:	0.9%.
S/N RATIO:	64dB.
DIFFERENTIAL PHASE:	0.8Deg.
DIFFERENTIAL GAIN:	1.1%.
LUMA NON-LINEARITY:	0.9%.
CHROMA / LUMA DELAY:	<15ns.
Y/C SEPARATION:	Adaptive 4−line digital comb filters.
MEMORY:	Non−volatile memory for storage of 2 setups.
CONTROL:	Front−panel, OSD, RS−232 and Ethernet; video pane size and position; video ProcAmp functions: video zoom, freeze.
POWER CONSUMPTION:	5V DC, 560mA.
DIMENSIONS:	21.5cm x 17.7cm x 4.4cm (8.5" x 7" x 1.7") W, D, H.
WEIGHT:	0.8kg (1.76lbs) approx.
INCLUDED ACCESSORIES:	Power supply, RC−IR3 Infrared Remote Control, rack “ears”.
OPTIONS:	RK−1 19" rack adapter.